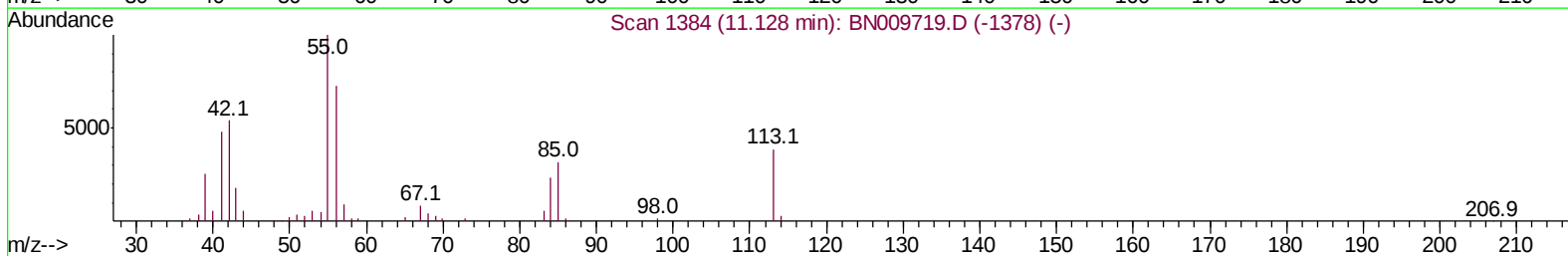
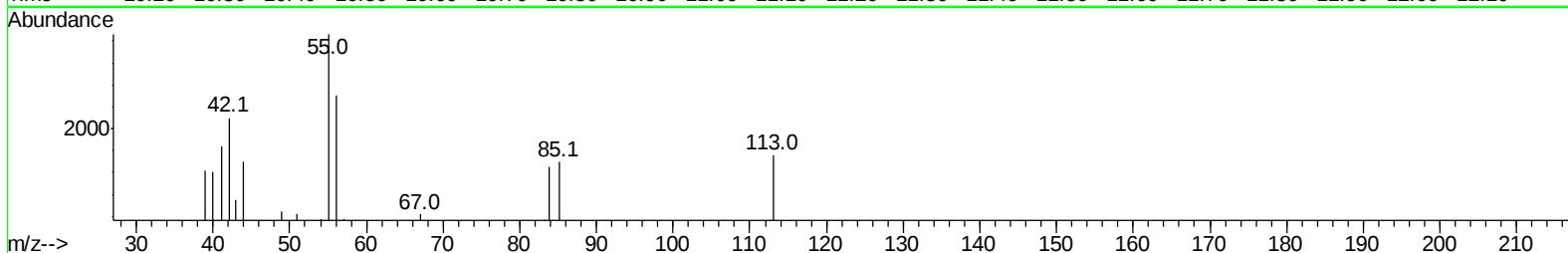
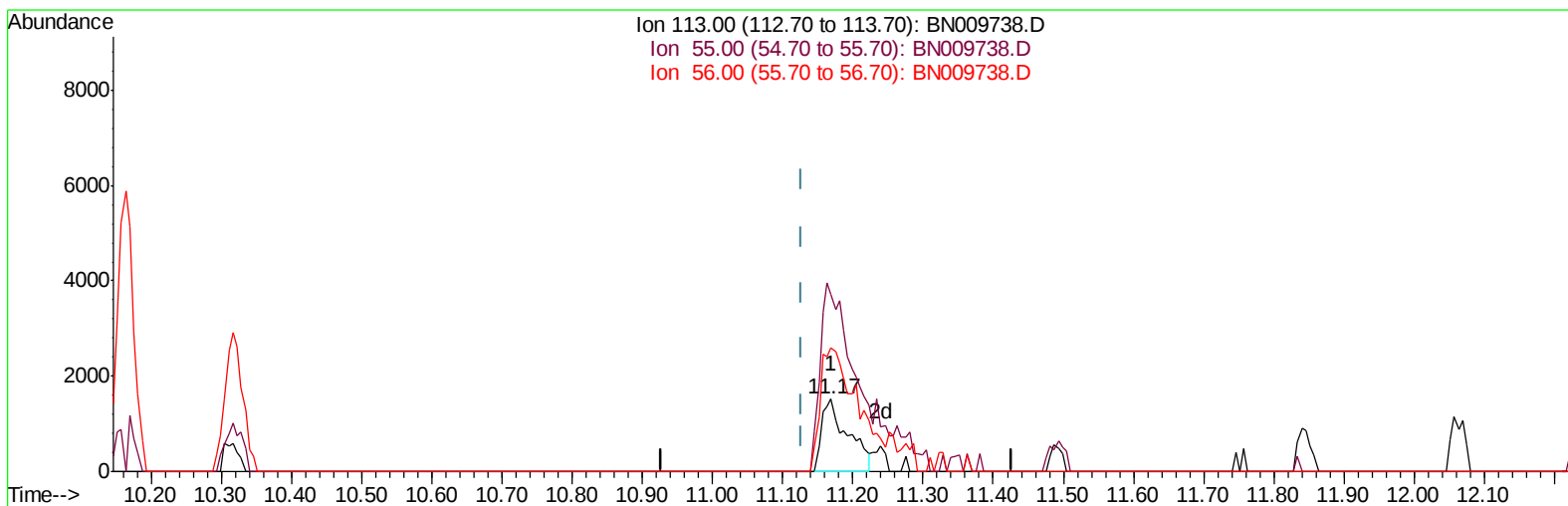


Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021720\
Data File : BN009738.D
Acq On : 17 Feb 2020 14:56
Operator : CG/JU
Sample : K5695-07
Misc : MDL-SOIL-07
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 17 15:26:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration



TIC: BN009738.D

(32) Caprolactam

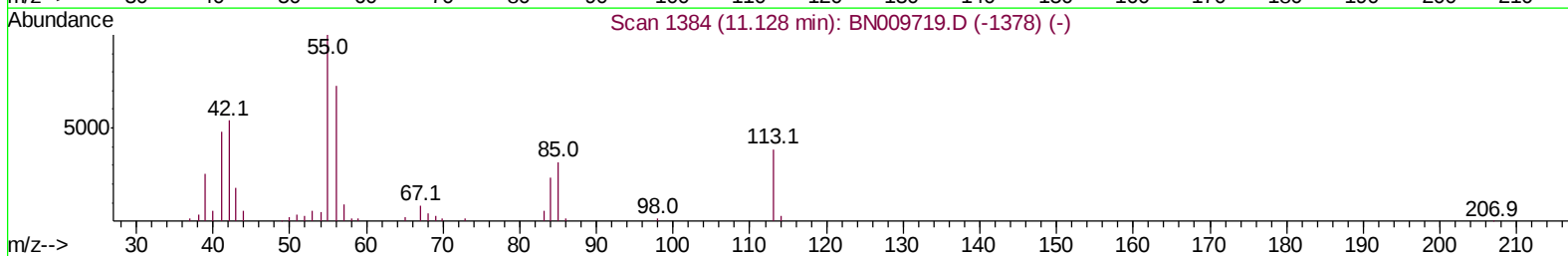
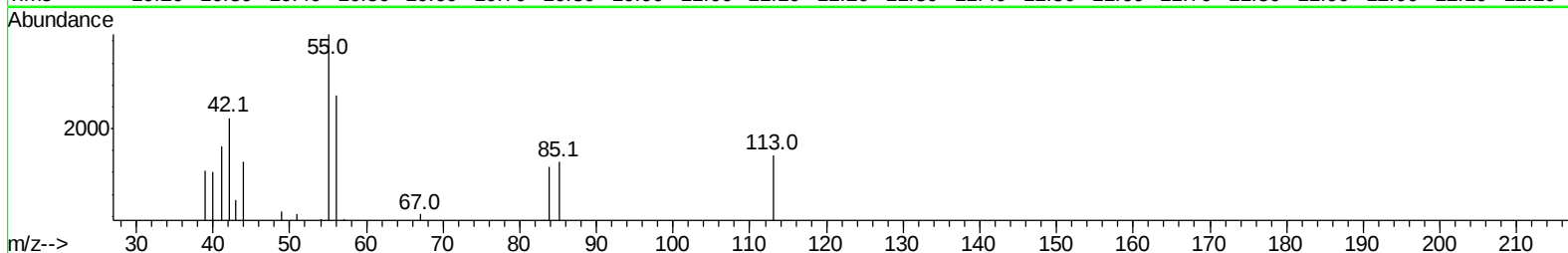
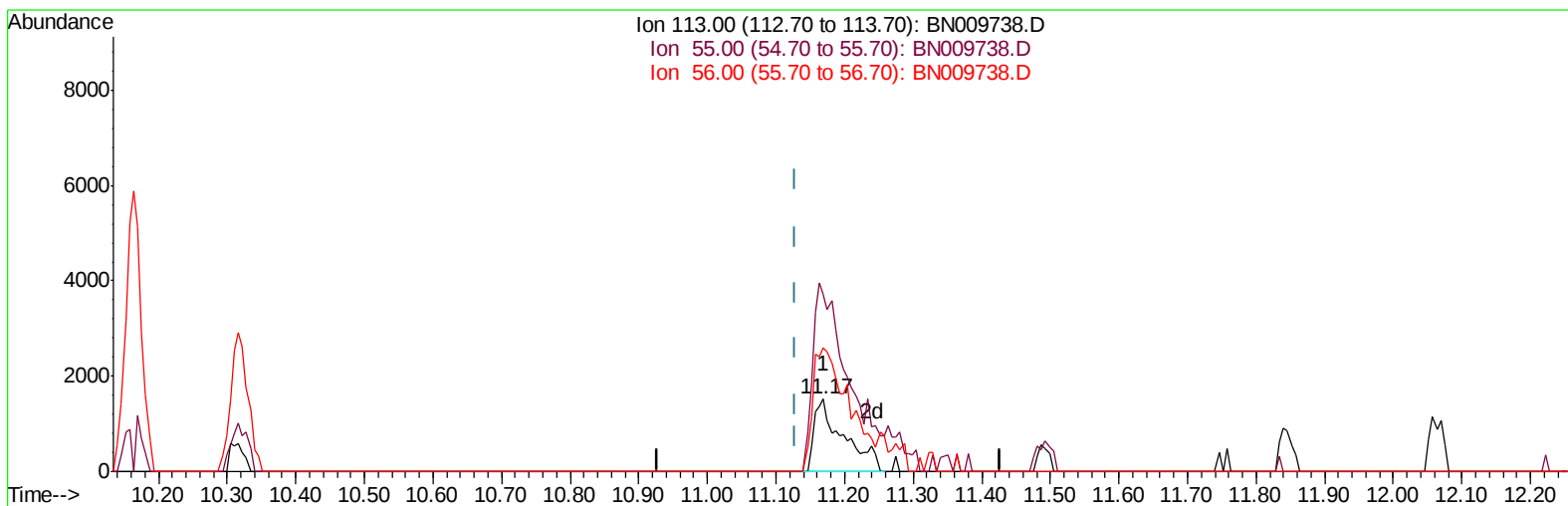
11.169min (+0.041) 1.69ng/ul

response 3928

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	246.04
56.00	202.00	171.73
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021720\
Data File : BN009738.D
Acq On : 17 Feb 2020 14:56
Operator : CG/JU
Sample : K5695-07
Misc : MDL-SOIL-07
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 17 15:26:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration



TIC: BN009738.D

(32) Caprolactam

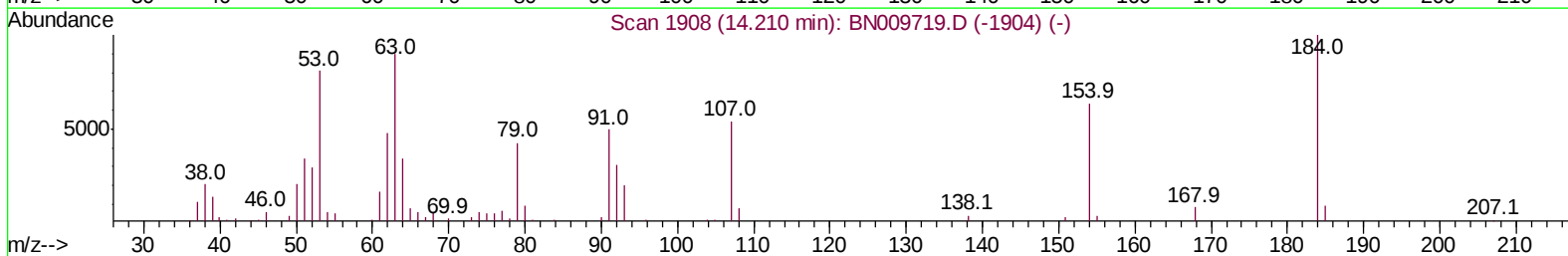
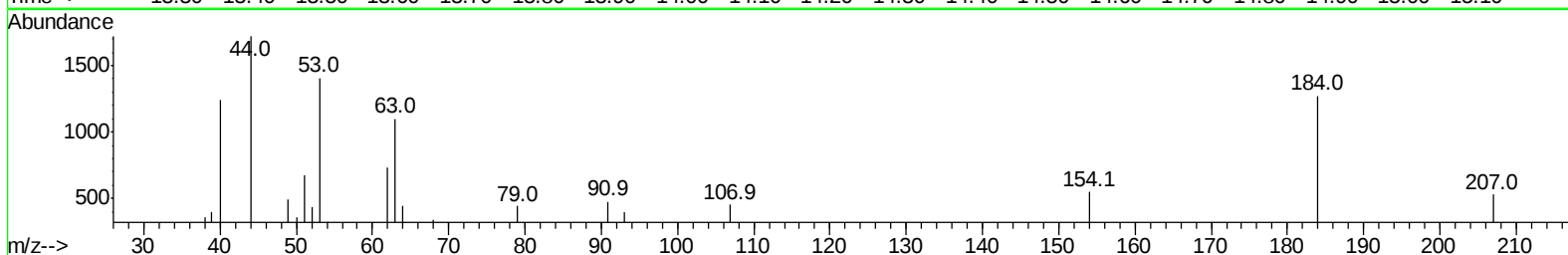
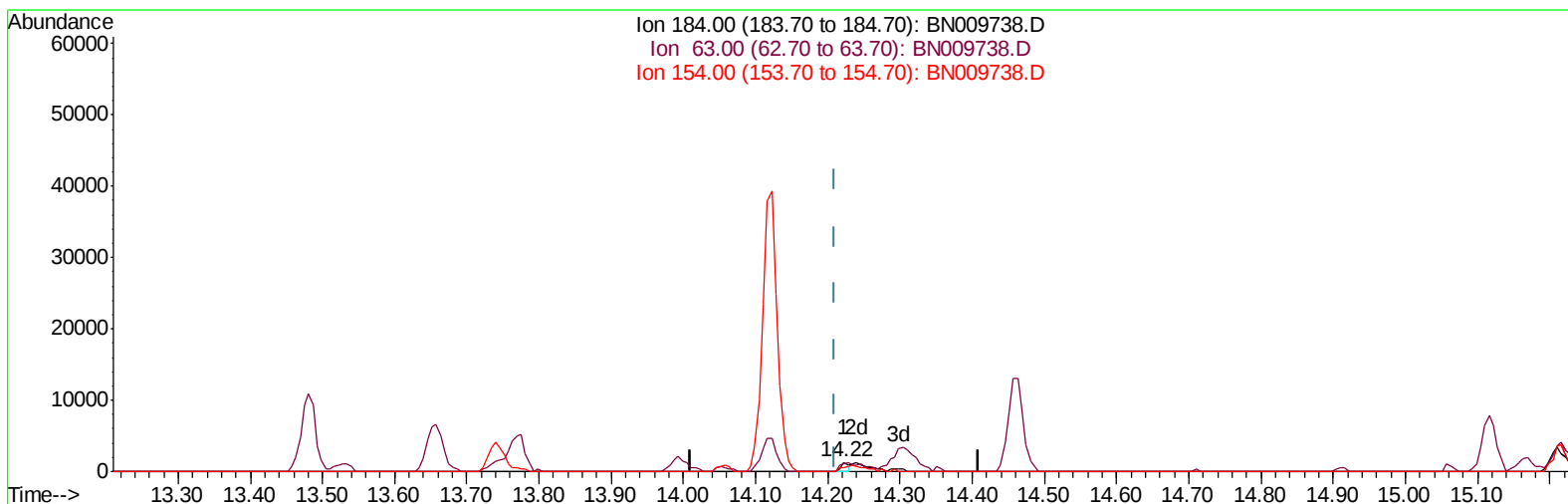
11.169min (+0.041) 1.95ng/ul m

response 4533

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	246.04
56.00	202.00	171.73
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021720\
Data File : BN009738.D
Acq On : 17 Feb 2020 14:56
Operator : CG/JU
Sample : K5695-07
Misc : MDL-SOIL-07
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 17 15:26:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration



TIC: BN009738.D

(51) 2,4-Dinitrophenol

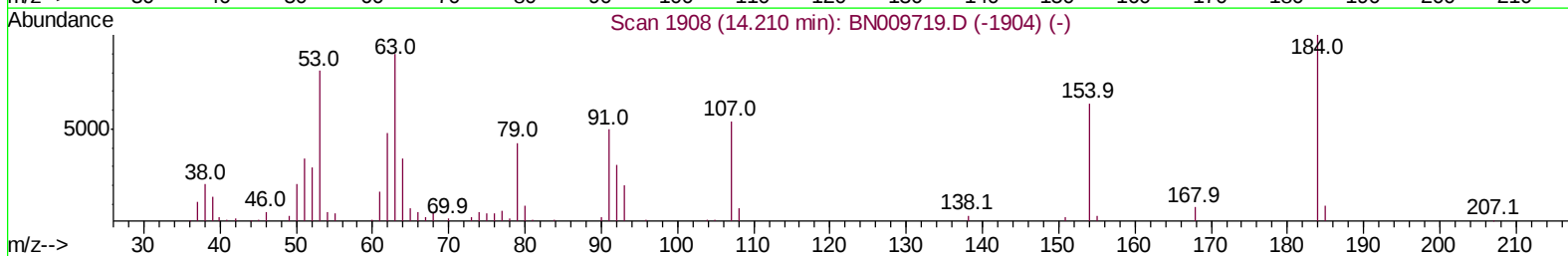
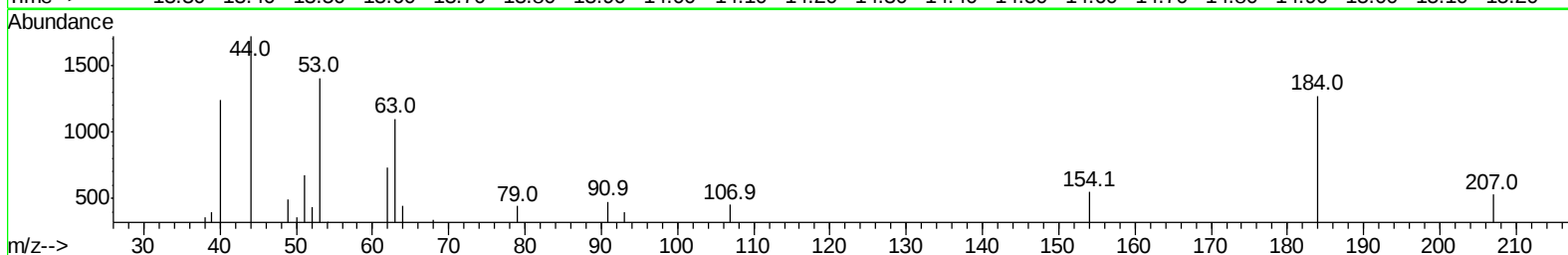
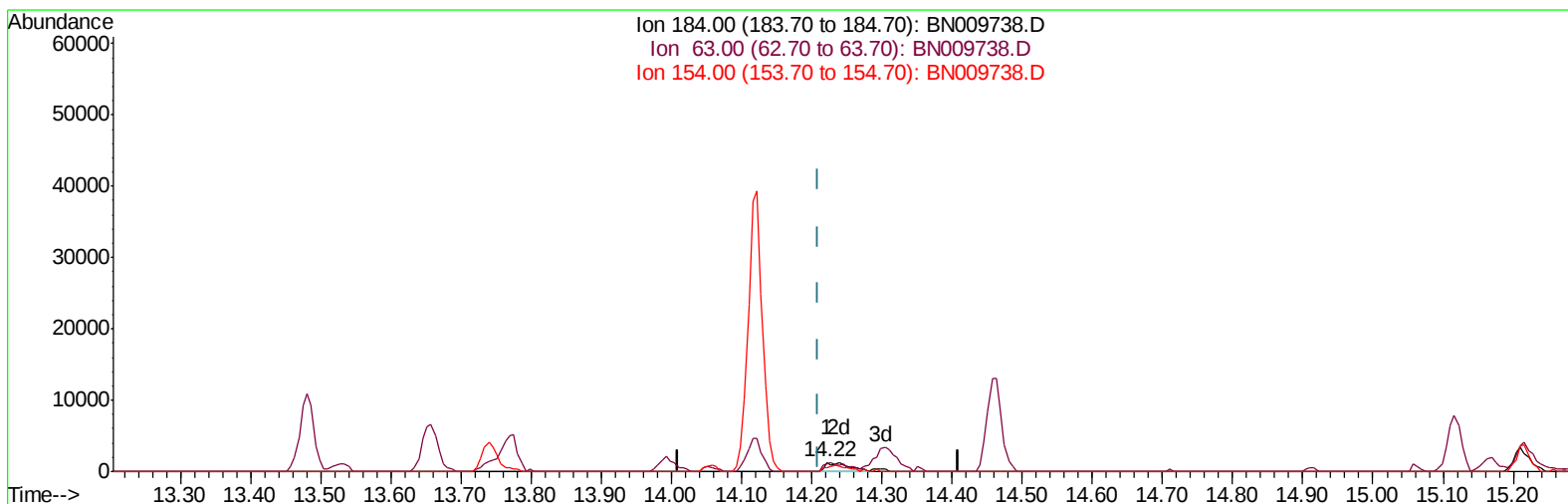
14.222min (+0.012) 0.36ng/ul

response 896

Ion	Exp%	Act%
184.00	100	100
63.00	103.80	86.26
154.00	68.60	43.09#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021720\
Data File : BN009738.D
Acq On : 17 Feb 2020 14:56
Operator : CG/JU
Sample : K5695-07
Misc : MDL-SOIL-07
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 17 15:26:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration



TIC: BN009738.D

(51) 2,4-Dinitrophenol

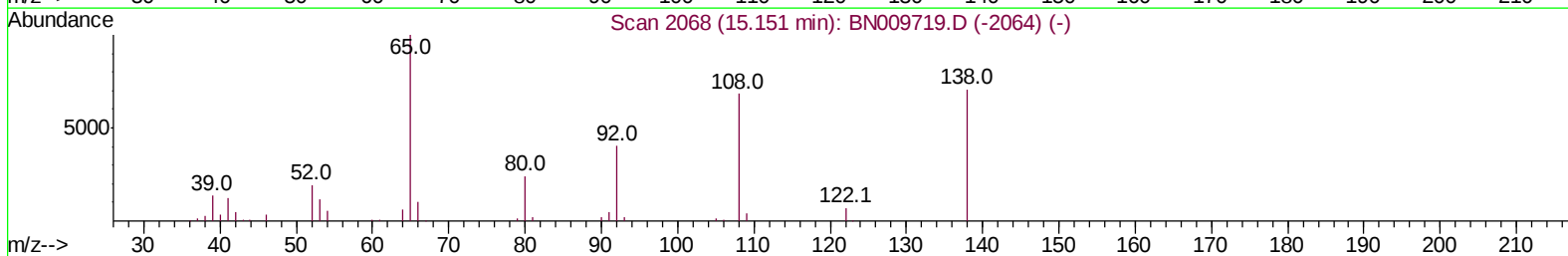
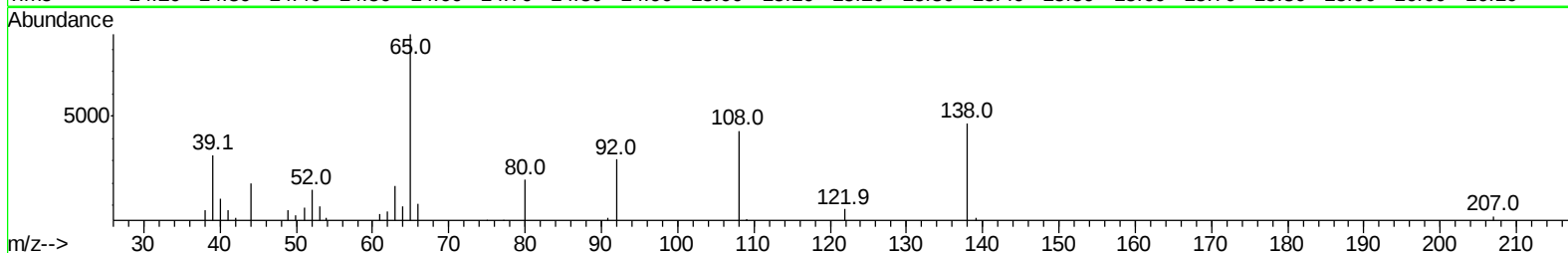
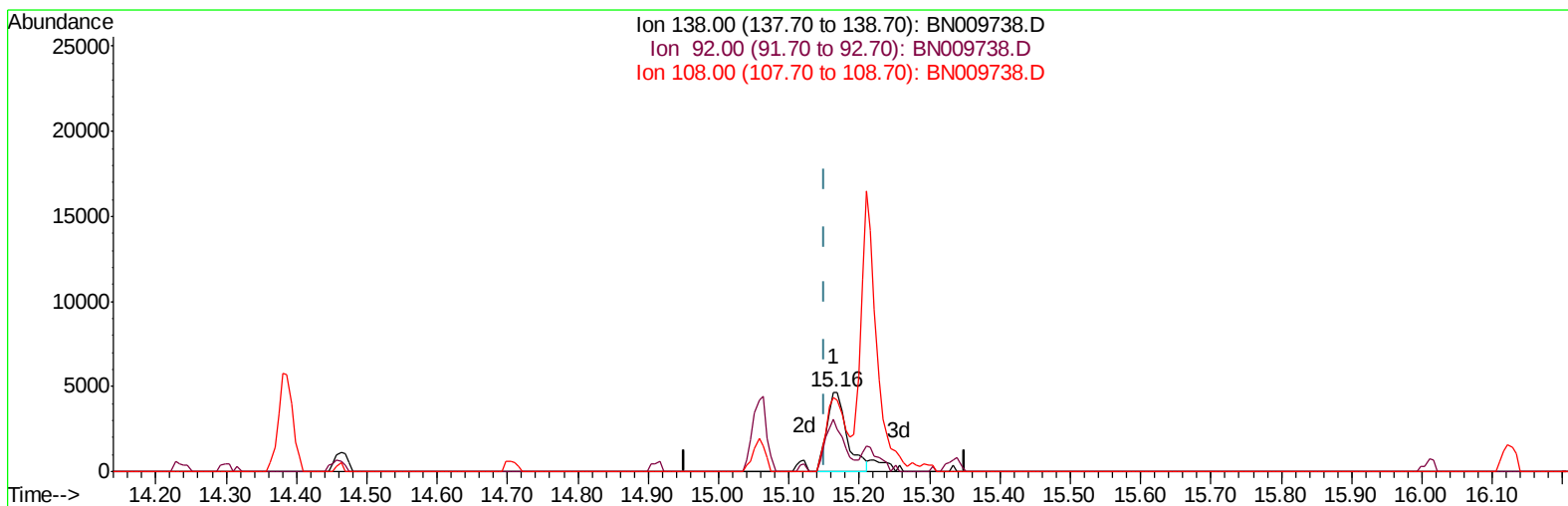
14.222min (+0.012) 1.12ng/ul m

response 2800

Ion	Exp%	Act%
184.00	100	100
63.00	103.80	86.26
154.00	68.60	43.09#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021720\
Data File : BN009738.D
Acq On : 17 Feb 2020 14:56
Operator : CG/JU
Sample : K5695-07
Misc : MDL-SOIL-07
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 17 15:26:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration



TIC: BN009738.D

(61) 4-Nitroaniline

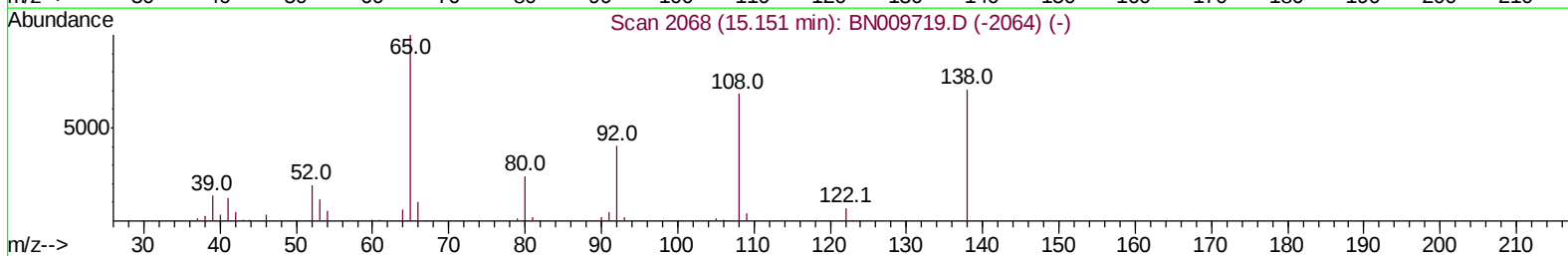
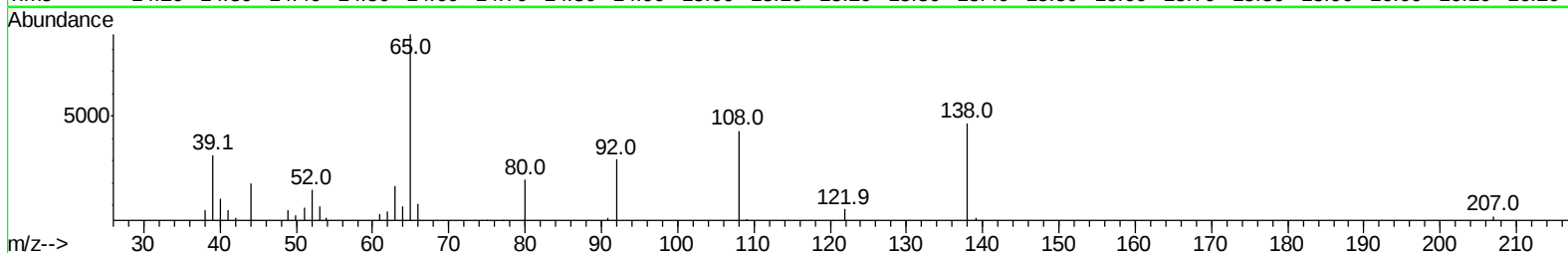
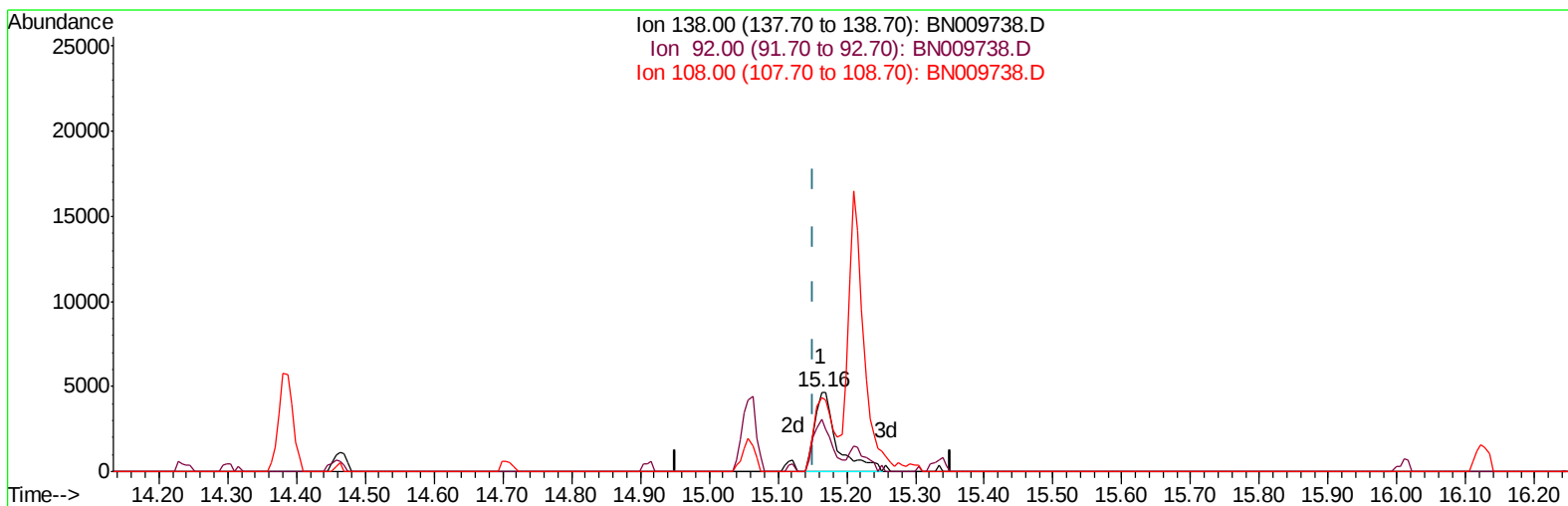
15.163min (+0.012) 1.90ng/ul

response 9300

Ion	Exp%	Act%
138.00	100	100
92.00	59.70	65.35
108.00	90.40	92.50
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021720\
Data File : BN009738.D
Acq On : 17 Feb 2020 14:56
Operator : CG/JU
Sample : K5695-07
Misc : MDL-SOIL-07
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 17 15:26:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration



TIC: BN009738.D

(61) 4-Nitroaniline

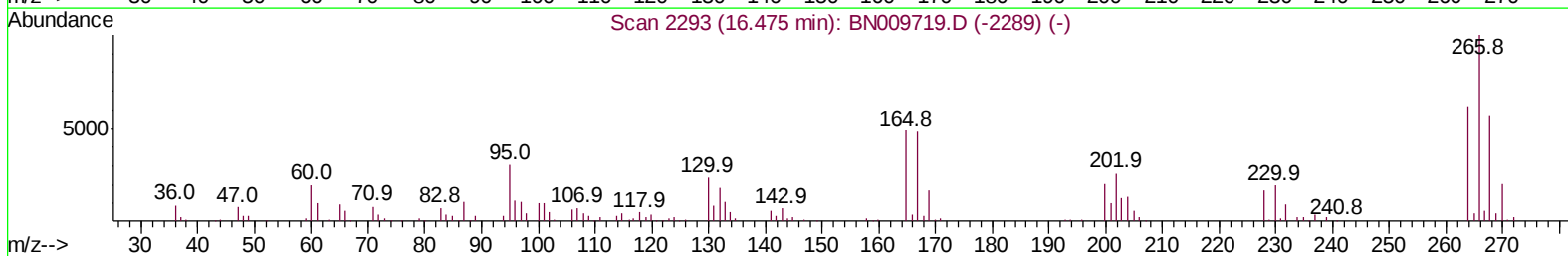
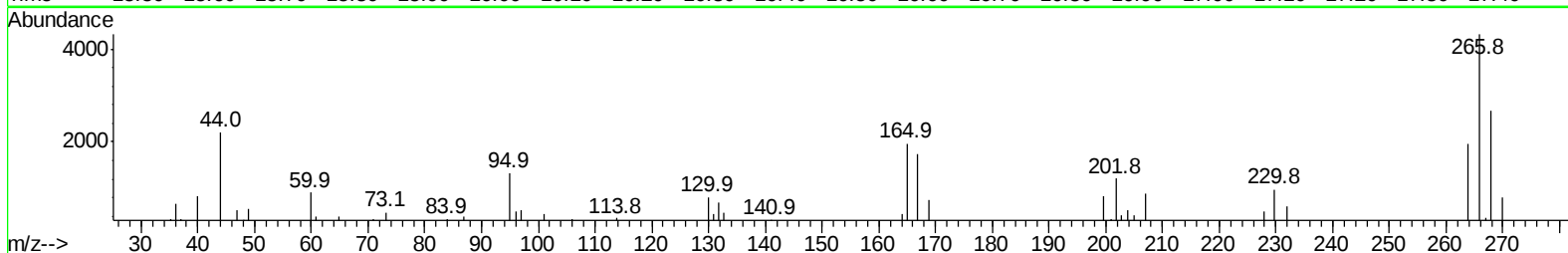
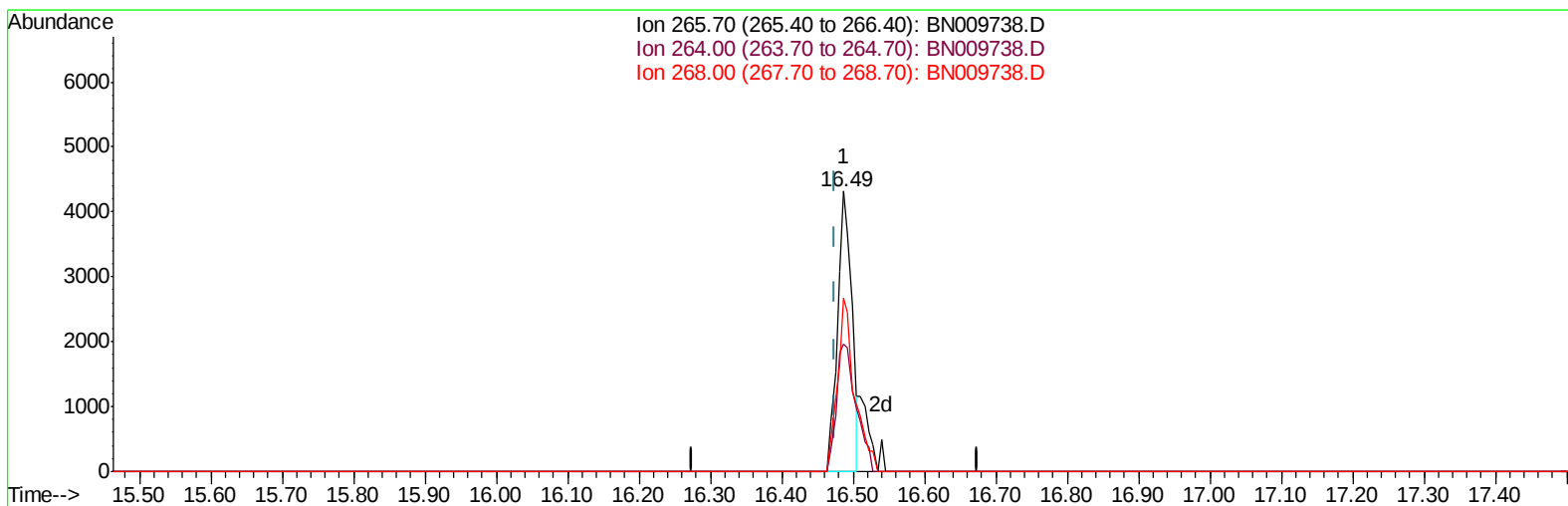
15.163min (+0.012) 2.13ng/ul m

response 10438

Ion	Exp%	Act%
138.00	100	100
92.00	59.70	65.35
108.00	90.40	92.50
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021720\
Data File : BN009738.D
Acq On : 17 Feb 2020 14:56
Operator : CG/JU
Sample : K5695-07
Misc : MDL-SOIL-07
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 17 15:26:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration



TIC: BN009738.D

(69) Pentachlorophenol (C)

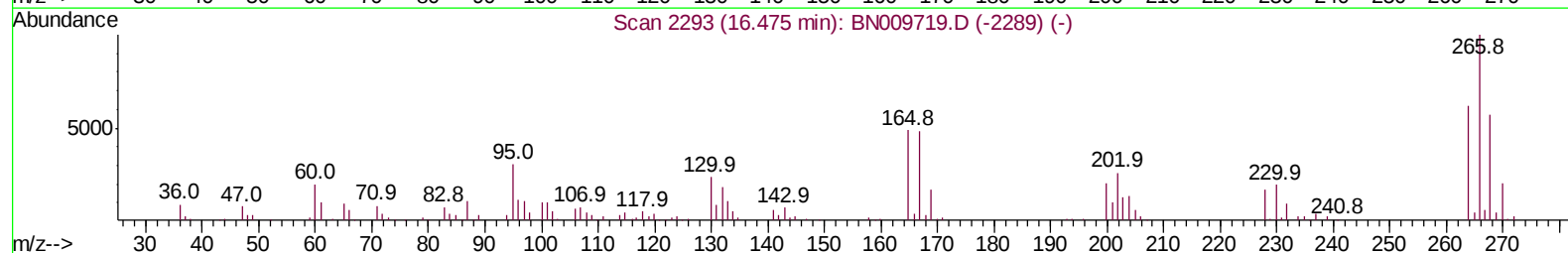
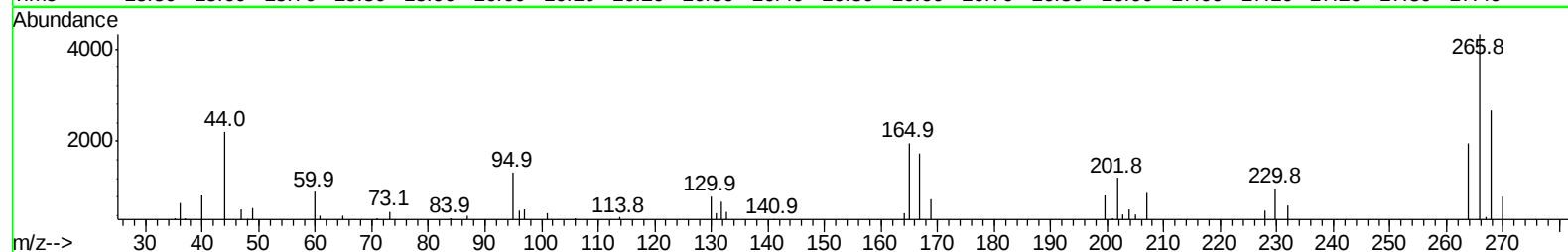
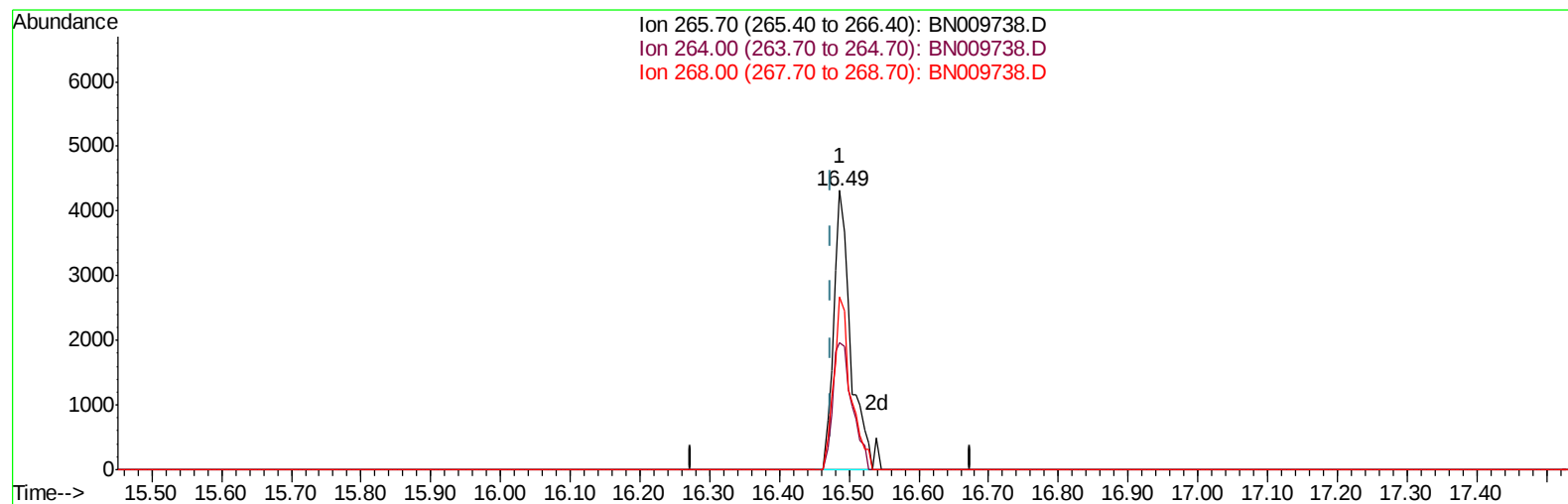
16.487min (+0.012) 1.57ng/ul

response 6029

Ion	Exp%	Act%
265.70	100	100
264.00	66.10	45.45#
268.00	65.60	61.86
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021720\
Data File : BN009738.D
Acq On : 17 Feb 2020 14:56
Operator : CG/JU
Sample : K5695-07
Misc : MDL-SOIL-07
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 17 15:26:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration



TIC: BN009738.D

(69) Pentachlorophenol (C)

16.487min (+0.012) 1.87ng/ul m

response 7152

Ion	Exp%	Act%
265.70	100	100
264.00	66.10	45.45#
268.00	65.60	61.86
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021720\
 Data File : BN009738.D
 Acq On : 17 Feb 2020 14:56
 Operator : CG/JU
 Sample : K5695-07
 Misc : MDL-SOIL-07
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 17 15:27:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 17 00:47:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	106540	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	446087	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	285518	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	598511	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	587888	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	593651	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	12001	4.63	ng/uL	0.00
5) Phenol-d5	6.62	99	261711	28.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	189716	30.34	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	206870	30.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	205080	28.45	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	98752	30.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	108037	30.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	198672	28.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	271477	35.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	645830	30.28	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	779335	31.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	95335	24.48	ng/ul	0.00
58) Fluorene-d10	15.06	176	538120	29.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	88804	23.88	ng/ul	0.00
71) Anthracene-d10	16.91	188	845824	30.83	ng/ul	0.00
79) Pyrene-d10	19.22	212	901875	29.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	882290	29.76	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.09	88	2454	0.825	ng/uL# 80
4) Benzaldehyde	6.59	77	23513	3.902	ng/ul 96
6) Phenol	6.65	94	30875	3.179	ng/ul 89
8) Bis(2-Chloroethyl)ether	6.87	93	25144	3.294	ng/ul 93
10) 2-Chlorophenol	6.99	128	24006	3.341	ng/ul 94
11) 2-Methylphenol	7.88	108	20763	2.922	ng/ul 82
12) 2,2'-oxybis(1-Chloropropan	7.95	45	67728	3.620	ng/ul# 96
14) Acetophenone	8.24	105	35251	3.001	ng/ul# 88
15) N-Nitroso-di-n-propylamine	8.22	70	19013	3.098	ng/ul# 99
16) 4-Methylphenol	8.20	108	23936	3.070	ng/ul 100
17) Hexachloroethane	8.47	117	10808	3.306	ng/ul 96
20) Nitrobenzene	8.60	77	34311	3.568	ng/ul# 90
21) Isophorone	9.13	82	49168	2.905	ng/ul 96
23) 2-Nitrophenol	9.31	139	13433	3.363	ng/ul# 83
24) 2,4-Dimethylphenol	9.38	107	27049	3.118	ng/ul 92
25) Bis(2-Chloroethoxy)methane	9.62	93	33111	3.201	ng/ul 99
27) 2,4-Dichlorophenol	9.83	162	21461	3.099	ng/ul 90
28) Naphthalene	10.22	128	80050	3.328	ng/ul 98
30) 4-Chloroaniline	10.34	127	28148	3.564	ng/ul 94
31) Hexachlorobutadiene	10.50	225	15308	3.306	ng/ul 91
32) Caprolactam	11.17	113	4533m	1.952	ng/ul
33) 4-Chloro-3-methylphenol	11.49	107	21792	2.752	ng/ul 94
34) 2-Methylnaphthalene	11.85	142	52547	3.146	ng/ul 94

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021720\
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 Misc : MDL-SOIL-07
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 17 15:27:53 2020
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 17 00:47:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.06	142	59598	3.560	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	28487	3.366	ng/uL	88
38) Hexachlorocyclopentadiene	12.20	237	4218	1.152	ng/uL#	83
39) 2,4,6-Trichlorophenol	12.49	196	13980	2.603	ng/uL	90
40) 2,4,5-Trichlorophenol	12.56	196	14902	2.586	ng/uL	89
41) 1,1'-Biphenyl	12.88	154	71981	3.282	ng/uL	99
42) 2-Chloronaphthalene	12.92	162	54811	3.147	ng/uL	95
43) 2-Nitroaniline	13.15	65	16120	2.531	ng/uL	95
45) Dimethylphthalate	13.53	163	72371	3.252	ng/uL	98
46) 2,6-Dinitrotoluene	13.65	165	11034	2.533	ng/uL#	96
48) Acenaphthylene	13.77	152	90099	3.314	ng/uL	99
49) 3-Nitroaniline	13.99	138	10121	2.516	ng/uL	98
50) Acenaphthene	14.12	153	61433	3.296	ng/uL	96
51) 2,4-Dinitrophenol	14.22	184	2800m	1.120	ng/uL	
53) 4-Nitrophenol	14.31	109	9933	2.826	ng/uL	93
54) Dibenzofuran	14.46	168	85919	3.285	ng/uL	97
55) 2,4-Dinitrotoluene	14.46	165	17586	2.724	ng/uL#	86
56) 2,3,4,6-Tetrachlorophenol	14.70	232	12399	2.503	ng/uL#	95
57) Diethylphthalate	14.91	149	69786	3.054	ng/uL	97
59) Fluorene	15.12	166	70628	3.217	ng/uL	99
60) 4-Chlorophenyl-phenylether	15.12	204	34353	3.173	ng/uL	94
61) 4-Nitroaniline	15.16	138	10438m	2.128	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.23	198	10742	2.682	ng/uL#	45
65) N-Nitrosodiphenylamine	15.34	169	59577	3.355	ng/uL	96
66) 4-Bromophenyl-phenylether	16.02	248	18674	3.118	ng/uL	96
67) Hexachlorobenzene	16.13	284	21851	3.297	ng/uL	91
68) Atrazine	16.31	200	18465	2.741	ng/uL	93
69) Pentachlorophenol	16.49	266	7152m	1.868	ng/uL	
70) Phenanthrene	16.85	178	115457	3.380	ng/uL	98
72) Anthracene	16.95	178	116239	3.329	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	31122	3.559	ng/uL	89
74) Pentachlorobenzene	14.39	250	26515	3.144	ng/uL	97
75) Carbazole	17.23	167	86702	2.820	ng/uL	97
76) Di-n-butylphthalate	17.80	149	101909	2.685	ng/uL#	98
77) Fluoranthene	18.89	202	121710	3.042	ng/uL	97
80) Pvrene	19.25	202	135603	3.199	ng/uL	100
81) Butylbenzylphthalate	20.18	149	40632	2.332	ng/uL	99
82) 3,3'-Dichlorobenzidine	20.96	252	33893	2.644	ng/uL#	96
83) Benzo(a)anthracene	21.01	228	126351	3.127	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	65782	2.473	ng/uL	94
85) Chrysene	21.06	228	125538	3.156	ng/uL	98
87) Di-n-octyl phthalate	21.82	149	100678	2.241	ng/uL	100
88) Benzo(b)fluoranthene	22.52	252	121122	3.147	ng/uL	99
89) Benzo(k)fluoranthene	22.56	252	119574	3.281	ng/uL	97
91) Benzo(a)pyrene	23.05	252	113544	3.280	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	25.19	276	128074	3.116	ng/uL	98
93) Dibenzo(a,h)anthracene	25.20	278	106942	3.042	ng/uL	98
94) Benzo(a,h,i)perylene	25.82	276	104910	3.044	ng/uL	98

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

